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U.S. PTO02-01-00
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PTO/SB/05 (4/98)

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No.	13DV13211	
First Inventor or Application Identifier	Michael O. Cimini	
Title	Methods and apparatus for Error Proofing	
Express Mail Label No.	EL231019798US	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Specification [Total Pages 14]
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
4. Oath or Declaration [Total Pages 3]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

***NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).**

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

5. Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Copy
 - b. Paper Copy (identical to computer copy)
 - c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. Assignment Papers (cover sheet & document(s))
8. 37 C.F.R. § 3.73(b) Statement Power of
(when there is an assignee) Attorney
9. English Translation Document (if applicable)
10. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
Citations
11. Preliminary Amendment
12. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
13. * Small Entity Statement(s) Statement filed in prior application,
Status still proper and desired
(PTO/SB-09-12)
14. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. Other:
.....
.....

16. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment:
 Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____

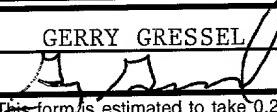
Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

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13DV-13211

METHODS AND APPARATUS FOR ERROR PROOFING

BACKGROUND OF THE INVENTION

This invention relates generally to product design, production and service and, more particularly, to error proofing processes associated with product design, production and service.

Error proofing methodologies have been documented by manufacturers and academic institutions. Such methodologies are used, for example, in product design to ensure that a final product meets a pre-defined specification, as well as in assembly processes. However, there is no known system for easily documenting, cataloging, and distributing proven error proofing techniques in a rapid and reliable manner.

An electronic mail based repository of text descriptions of candidate error proofing techniques is known. The error proofing techniques identified in the repository, however, are not necessarily proven, nor is the repository configured for rapid and reliable cataloging and distribution of information related to such techniques.

BRIEF SUMMARY OF THE INVENTION

In one aspect, the present invention is a web-based system that facilitates rapid and reliable documenting, cataloging, and distributing of proven error proofing techniques. More specifically, and in an exemplary embodiment, a system includes a web site that contains categorized error proofing techniques applicable to a broad range of design, manufacturing, assembly, product test, product service, and other processes. A graphical user interface also is provided so that error proofing techniques can be easily and reliable submitted to the web site for cataloging and distribution.

5

In one specific embodiment, the system includes a plurality of clients coupled to a web-based server. Each client includes a plurality of user interface classes and at least one class that provides access to a database. The server includes a plurality of servlets, and at least some of the servlets provide at least one of a database and server access capability to each client. The system further includes a database having a plurality of tables, and at least one of the tables includes at least one error proofing example. The database is accessed by each client via the server.

10

The above described web-based system enables many different users (e.g., design, manufacture, assembly, test, service, administrative users) to quickly access proven error proofing techniques from many locations. The users also can quickly and easily document and submit additional error proofing techniques for access by other users.

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BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a block diagram of a client – server architecture;

Figure 2 is a class diagram for error-proofing processing; and

Figure 3 is a block diagram of a database architecture.

DETAILED DESCRIPTION OF THE INVENTION

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Figure 1 is a block diagram of a client – server architecture 10. Specifically multiple client processors 12, identified as Client 1, Client 2, Client N, are coupled to a server 14. Clients 1 - N 12 include a user interface to enable users to extract as well as to input data into server 14. Server 14 provides access to an error proofing database which may be stored within server 14, or external and coupled to server 14. In one specific embodiment, server 14 is a web-based server that enables multiple clients 12 to access server 14 via the Internet.

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Figure 2 is a class diagram 50 for error-proofing processing, and illustrates the class processing performed by each client 12 and server 14. Each client 12 includes several user interface classes, and at least one class that provides access to

the database via server 14. The user interface classes include two main visual components, EPLauncherApp 52 and EPFolder 54 both of which are Java Applets 56. Applets 56 control the information shown to the user, and handle all user input. EPLauncherApp 52 constructs and displays a menu of web pages that a user can view, including the web page that invokes the EPFolder Applet 54. The user can select any of the web pages in the menu to view. EPFolder 54 initializes and displays the forms that provide access to the error proofing capabilities, including creating new error proofing examples, performing queries, and downloading documents.

EPPParameterForm 58 and EPOutputForm 60 are in EPGenericForm 62 and enable rapid assembly forms for input and output. EPPParameterForm 58 and EPOutputForm 60 are both driven by configuration files 64 which specify the user interface components, such as text fields and drop-down menus. This capability provides considerable flexibility for evolving the user interface, since changes can be made quickly, and in some cases, without the need for recompiling. EPPParameterForm 58, in one embodiment, assembles forms with any of the following user interface components: single line text fields, multiple line text areas, drop-down lists that allow selection of a single item, drop-down lists that allow selection of multiple items, drop down hierarchical lists that allow selection of a single item, groups of checkboxes arranged vertically or horizontally that allow selection of multiple items. Using EPPParameterForm 58, forms can be built without needing to compile. EPPParameterForm 58 can be extended to incorporate additional components as well.

An EPDBInterface class 66 provides access to information in the error proofing database via the server-side classes. All client-side knowledge of the database structure and access methods is contained within EPDBInterface 66. EPDBInterface also includes capabilities to format SQL statements and invoke requests to the servlets that provide database access.

The error proofing server side capabilities are provided by several servlets that run on error proofing web server 14. Each servlet provides a specific database and/or server access capability to client 12. EPDBConnection and

EPDBUpdate servlets 68 and 70 provide basic database query and update capabilities. EPFileUpload servlet 72 provides the capability to upload a document to the server and update the error proofing database with the data from the user input form that describes that document. The EPReturnFile servlet 74 provides the capability to download a document from server 14. EPPPermissionServlet servlet 76 extracts user permissions from the database.

Figure 3 is a block diagram of a database architecture 100. Error proofing database 100 is implemented, in one embodiment, using an Oracle Relational Database Management System, which is well known. Database 100 includes a primary table 102, referred to as EPExample, and several related tables that store meta-data describing an error proofing example.

One entry is created in EPExample database table 102 for every error proofing example created by a user. EPExample table 102 contains meta-data that must be defined by the user in the creation of the error proofing example. These meta-data include the error stage and error type of the example. Additionally, there are several fields that are populated, including the Example ID, Submitter ID, Filename DefContType and OptContType. The Example ID field uniquely identifies one error proofing example, and is used as a key in identifying that example throughout database 100. The Submitter ID field is the user ID of the user who submitted the example. Filename, DefContType and OptContType contain data used by server 14 to store the actual document for the example.

EPPProcess table 104 stores the processes to which the error proofing example applies. The user provides the data for this field when creating the error proofing example. There can be zero, one or more processes associated with an error proofing example. Each entry to table 104 identifies the error proofing example with which it is associated through the example ID field.

EPFailureMode table 106 stores the failure modes associated with an error proofing example. The user provides the data for this field when creating the error proofing example. There can be zero, one or more failure modes associated with

an error proofing example. In one specific embodiment, the user interface permits entry of one failure mode. Each entry to table 106 identifies the error proofing example with which it is associated through the example ID field.

5 EPPartFamily table 108 stores the part families to which the error proofing example applies. The user provides the data for this field when creating the error proofing example. There can be zero, one or more part families associated with an error proofing example. Each entry to table 108 identifies the error proofing example with which it is associated through the example ID field.

10 EPSolutionStage table 110 stores the solution stage to which the solution of the error proofing example applies. The user provides the data for this field when creating the error proofing example. There can be zero, one or more solution stages associated with an error proofing example. Each entry to table 110 identifies the error proofing example with which it is associated through the example ID field.

15 EPUser table 112 stores data identifying users of the error proofing web site. Users are identified by a unique ID, in the user ID field. The table also stores the name of the user and the permissions that are assigned to that user. Data for these files are provided by administration users when they create new users of the system.

20 EPNotes table 114 stores the textual data related to the error proofing example. The notes field is populated by software, and is used to store additional text that may be informational to the user. Each entry to table 114 identifies the error proofing example with which it is associated through the example ID field.

25 EPStrategy table 116 stores the principle and related strategy that are associated with an error proofing example. Both these fields are optional so that an entry may contain a principle or a strategy or both. The user provides the data for these fields when creating the error proofing example. There can be zero, one or more EPStrategy entries associated with an error proofing example. In one specific embodiment, one principle and multiple strategies can be entered for an error proofing

example. Each entry to table 116 identifies the error proofing example to which it is associated through the example ID field.

An “administration” use case starts when a prospective user requests permission to access the ErrorProofing website. An existing user, with *admin* permission, must add the prospective user to the access list maintained by the httpd server, and to the ErrorProofing user database. A prospective user cannot access the ErrorProofing website until they are added to the user database. Only existing users with administrative privileges, e.g. an administrator, as assigned in the user database, can create a new user database entry. The administrator will also assign privileges to the new user. Privileges can be of the following types (additional types may be defined in the future):

	<i>insert</i>	User can create new EPexamples, including uploading documents
	<i>read</i>	User can query existing EPexamples
15	<i>download</i>	User can download EPexample documents from the server
	<i>admin</i>	User can create other new users and assign privileges

The administrator accesses an administration form in the ErrorProofing website, and enters the prospective user’s information, including userID, user name, and privileges. The administrator can choose to grant any combination of *read*, *download*, *insert* and *admin* privileges. It is the responsibility of the administrator to control and define the set of users that have privileges allowing modification of the database, such as *admin* privileges and *insert* privileges. The administrator then adds the new user to the users database.

This use case ends when the administrator has added the user to an httpd server access list and the users database, and has granted privileges that the administrator deems required. If an error message “user ID already exists in the database” is displayed, then the addition to the database will not be performed, and a

popup window, identifying that the userID is a duplicate, will be displayed to the administrator.

5 A “user login” case starts when a person invokes the ErrorProofing client on a browser by entering the URL of the ErrorProofing website in his/her browser. A login prompt will be displayed to the person. Person types in userID and password and presses enter. The httpd server will validate this userID and password against an httpd access list. Before displaying the ErrorProofing user interface, the ErrorProofing client will retrieve the permissions for that userID from the user database, and store those permissions for controlling access throughout the session.

10 This use case ends when person is validated as an ErrorProofing user. If an error message “user id is not found in the httpd access list” is displayed, then the person will be denied access to the ErrorProofing website. If an error message “user id cannot be located in user database” is displayed, then the person will be denied access to the ErrorProofing website and a message will be generated to the 15 administrator that this event occurred.

20 An “initialization” use case starts when a user invokes the ErrorProofing client on users’ browser, and is successfully validated as an ErrorProofing user. A list of web pages to view is displayed as is the chosen web page. Initially, the chosen web page defaults to the ErrorProofing page, which is displayed in the web page display area. Other pages in the list are help, comments, and best practices.

25 The content of the ErrorProofing page is determined by the user’s privileges. If the user has no privileges, then no ErrorProofing forms will be displayed. If the user has *insert* privileges, then an insert form will be displayed. If the user has *read* privileges, then the query form will be displayed, as well as an output form. If the user has *download* privileges, then the output form will enable download of a selected document. If the user has *admin* privileges, an admin form will be displayed. The query form is always the first form displayed if the user has *read* privileges.

This use case ends when the ErrorProofing page and the list of available web pages are displayed to the user.

A “user selection of page to view” use case starts when user selects a web page from the list of forms in the left-hand frame. The selected web page is loaded into the browser. If the selected web page is the ErrorProofing page, then an EPFolder applet is initialized and displayed. Note that since the EPFolder applet is initialized when the ErrorProofing page is displayed, any previous EPFolder applet will be replaced. If there is work in progress in a previous EPFolder applet, it will be inaccessible.

10 This use case ends when the selected web page is displayed to the user.

An “inserting a new error proofing example” use case starts when a user with *insert* permissions initiates an input screen to create a new ErrorProofing example. User indicates properties (e.g. error type, error stage, solution stage(s), failure mode, process(es), strategy(ies), principle, part family(ies) that describe a new ErrorProofing example on the input screen, and enters the new ErrorProofing example. User is presented with a file upload form in a separate browser window. The file upload form includes a browse capability for finding files on the local computer, and a text input area for entering a description of the document. User specifies a document to be uploaded to the server as part of this ErrorProofing example, optionally including a description of the document. User presses submit to upload the document, and is presented with a new file upload form for uploading another document. User can enter another document to be uploaded, or can indicate that there are no more documents to upload. The uploaded document(s) are saved to the server platform, and SQL statements are generated from the information on the input form to insert the new example data into the database. A new EP Example row is created with a unique example ID value, and the error Stage, error type and submitter ID from the form. For each solution stage indicated on the form a row is created in the Solution Stage table, using the same Example ID created for the EP Example row. Similarly, a new row is created for each failure mode, process, and part family indicated on the form. For each strategy indicated on the form, a row

containing the example ID, strategy and principle (from the form) is created in the strategy table.

This use case ends when the database updates and file uploads are complete. The user is notified of the completion status of the upload.

5 A “searching the ErrorProofing database” use case starts when a user with *read* permissions selects the query screen to create a query. User indicates search constraints (e.g. error type(s), error stage(s), process(es), solution stage(s), strategy(ies), part family(ies), failure mode, submitter) on the query form, and initiates a search for matching ErrorProofing examples. Alternatively, a freeform search engine will search the entire database including embedded text within documents and return all the locations of all such occurrences.

10 ErrorProofing examples that are an exact match (meet all of the search constraints) are returned and displayed to the user in a table on the output form. User can select ErrorProofing examples displayed in the output table to view the notes describing the example. The notes are a list of the input values that were submitted with that example when it was created. This use case ends when the output table is populated with the results of the query.

15 A “downloading ErrorProofing documents” use case starts when a user with *download* permissions executes a query, and the results are displayed on the output form. The user initiates download of the document for an example that is in the output table. The document is displayed in a separate browser window. The user can download the documents for any number of examples in the output table. This use case ends when the document is displayed to user.

20 While the invention has been described in terms of various specific embodiments, those skilled in the art will recognize that the invention can be practiced with modification within the spirit and scope of the claims.

WHAT IS CLAIMED IS:

1. A system comprising:

a plurality of clients, each said client comprising a plurality of user interface classes and at least one class that provides access to a database;

a server comprising a plurality of servlets, at least some of said servlets

5 providing at least one of a database and server access capability to each said client; and

10 said database comprising a plurality of tables, at least one of said tables comprising at least one error proofing example and meta-data defined by a user when creating an error proofing example, said database accessed by each said client via said server.

2. A system in accordance with Claim 1 wherein each said user interface classes comprise at least two visual components for controlling information shown to a user and for handling user input.

15 3. A system in accordance with Claim 2 wherein one of said user interface classes constructs and displays a menu of web pages that a user can view.

4. A system in accordance with Claim 2 wherein one of said user interface classes initializes and displays forms.

20 5. A system in accordance with Claim 1 wherein said class that provides access to said database formats SQL statements and invokes requests to servlets in said server that provide database access.

6. A system in accordance with Claim 1 wherein said server comprises servlets for database queries and updating, uploading a document and updating said database, downloading a document, and extracting user permissions from said database.

7. A system in accordance with Claim 1 wherein one of said tables stores processes to which an error proofing example applies and failure modes associated with an error proofing example.
8. A system in accordance with Claim 1 wherein one of said tables stores part families to which an error proofing example applies.
5
9. A system in accordance with Claim 1 wherein one of said tables stores a solution stage to which a solution of an error proofing example applies.
10. A system in accordance with Claim 1 wherein one of said tables stores data identifying users of the error proofing website.
10
11. A system in accordance with Claim 1 wherein one of said tables stores textual data relating to the error proofing example.
15
12. A system in accordance with Claim 1 wherein one of said tables stores a principle and related strategy that are associated with an error proofing example.
13. A method for identifying an error proofing technique for a given application using a web-based system, the system including a plurality of clients including a plurality of user interface classes, a server including a plurality of servlets, and a database including a plurality of tables including at least one example of an error proofing technique and user defined meta-data, said method comprising the steps
15 of:
 - using at least one interface class to provide access to a database;
 - using at least some of the servlets to provide at least one of database and server access capability to a client;
 - accessing a table containing an error proofing example; and
 - choosing an error proofing technique to fit the given application.
25
14. A method in accordance with Claim 13 wherein said step of using at least one interface class to provide access to a database further comprises the step of

providing at least two visual components for controlling information shown to a user and for handling user input.

15. A method in accordance with Claim 14 wherein said step of providing at least two visual components for controlling information shown to a user and for handling user input further comprises the step of constructing and displaying a menu of web pages that a user can view.

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A method in accordance with Claim 14 wherein said step of providing at least two visual components for controlling information shown to a user and for handling user input further comprises the step of initializing and displaying forms.

17. A method in accordance with Claim 13 wherein said step of using at least some of the servlets to provide at least one of database and server access capability to a client further comprises the steps of:

providing access to database formats SQL statements; and

invoking requests to servlets in the server that provides database

access.

18. A method in accordance with Claim 13 wherein said step of using at least some of the servlets to provide at least one of database and server access capability to a client further comprises the steps of:

querying the database;

uploading a document and updating the database; and

downloading a document and extracting user permissions from the

database.

19. A method in accordance with Claim 13 wherein said step of

accessing a table containing an error proofing example further comprises the steps of:

storing processes in the table to which an error proofing example

applies.

20. A method in accordance with Claim 13 wherein said step of accessing a table containing an error proofing example further comprises the steps of:

storing failure modes in the table associated with an error proofing example;

5 storing part families in the table to which an error proofing example applies;

 storing a solution stage in the table to which a solution of an error proofing example applies;

 storing data identifying users of the error proofing website in the table;

10 storing textual data relating to the error proofing example in the table;

and

 storing a principle and related strategy that are associated with an error proofing example in the table.

METHODS AND APPARATUS FOR ERROR
PROOFING

ABSTRACT OF THE DISCLOSURE

In one aspect, the present invention is a web-based system that facilitates rapid and reliable documenting, cataloging, and distributing of proven error proofing techniques. More specifically, and in an exemplary embodiment, a system includes a plurality of clients coupled to a web-based server. Each client includes a plurality of user interface classes and at least one class that provides access to a database. The server includes a plurality of servlets, and at least some of said servlets provide at least one of a database and server access capability to each client. The system further includes a database having a plurality of tables, and at least one of said tables includes at least one error proofing example. The database is accessed by each client via the server.

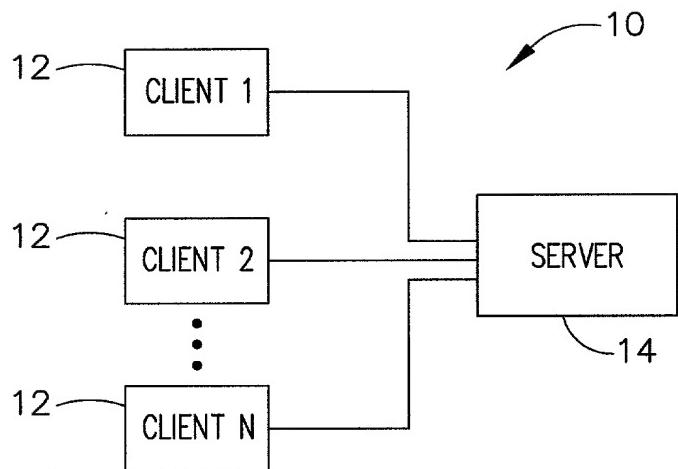


FIG. 1

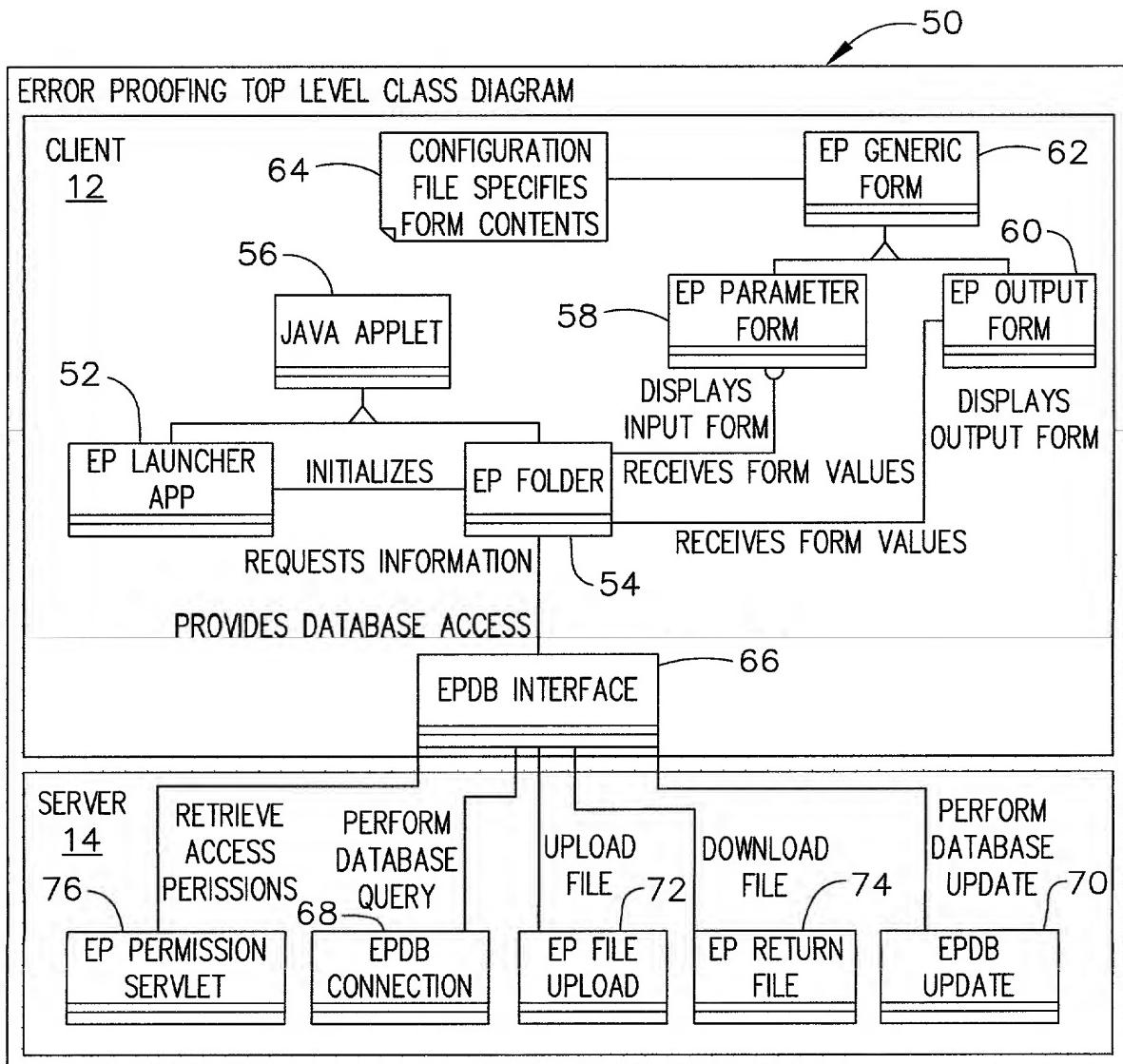


FIG. 2

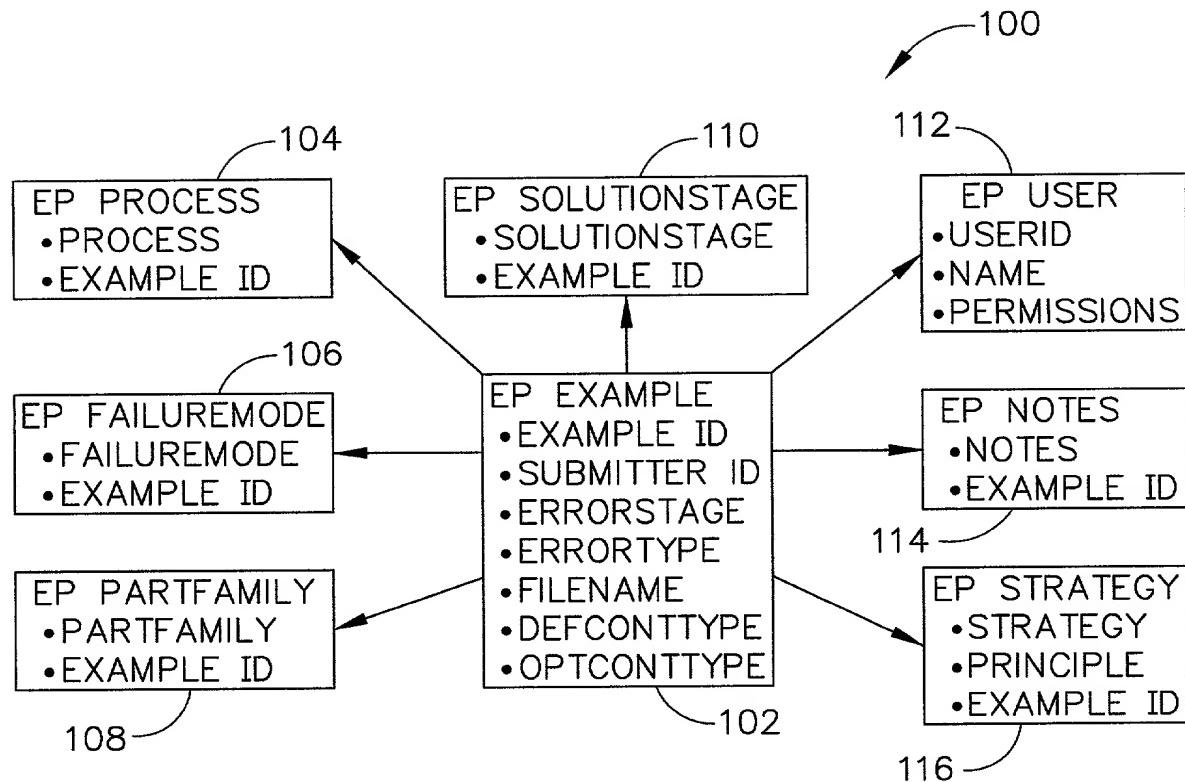


FIG. 3

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Docket Number
13DV13211

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND APPARATUS FOR ERROR PROOFING

the specification of which

is attached hereto

OR

was filed on _____ as United States Application Number or PCT International Application Number _____
and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119 (a)-(d) or §365 (b) of any foreign application(s) for patent or inventor's certificate, or §365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(s)

Priority Claimed

(Number)

(Country)

(Day/Month/Year Filed)

Yes No

(Number)

(Country)

(Day/Month/Year Filed)

Yes No

Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under Title 35, United States Code §119 (e) of any United States provisional application(s) listed below.

Additional provisional application numbers are listed on a supplemental priority data sheet attached hereto.

(Application Number)

(Filing Date)

I hereby claim the benefit under Title 35, United States Code §120 of any United States Application(s), or §365 (c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Number)

(Filing Date)

(Status - patented, pending, abandoned)

(Application Number)

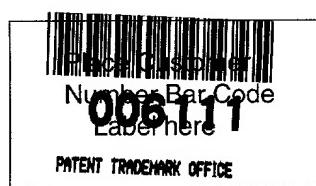
(Filing Date)

(Status - patented, pending, abandoned)

I hereby appoint the registered practitioners associated with Customer Number 006111 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Signature: Bethany B. Kniffin Date 1/21/00
Residence: CLIFTON PARK, NEW YORK _____ Citizenship: US _____
City and State _____
Post Office Address: 31 SOUTHVIEW APTS., SITTERLY RD., CLIFTON PARK, NY 12065

FIFTH JOINT INVENTOR:

Full name: CHRISTOPHER R. HAMMOND

First Name

Middle Name

Last Name

Signature: 

Date

1/21/00

Residence: SCHENECTADY, NEW YORK

Citizenship: US

City and State

Post Office Address: 404 DEER PATH, SCHENECTADY, NY 12306

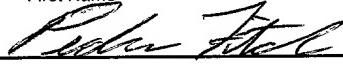
SIXTH JOINT INVENTOR:

Full name: PEDER FITCH

First Name

Middle Name

Last Name

Signature: 

Date

28 JANUARY 2000

Residence: VANCOUVER, WASHINGTON

Citizenship: US

City and State

Post Office Address: 905 SOUTHEAST 136TH AVE., APT G4, VANCOUVER, WA 98683

SEVENTH JOINT INVENTOR:

Full name:

First Name

Middle Name

Last Name

Signature: _____

Date _____

Residence: _____

Citizenship: _____

City and State

Post Office Address: _____

EIGHTH JOINT INVENTOR:

Full name:

First Name

Middle Name

Last Name

Signature: _____

Date _____

Residence: _____

Citizenship: _____

City and State

Post Office Address: _____